

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

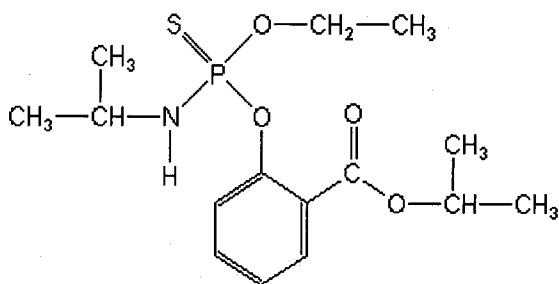
Analyte: Isufenphos

CAS No.: 25311-71-1

Formula: C₁₅H₂₄NO₄PS

Molecular mass (lowest isotopes): 345,12 amu

Structure:



Ionisation: ESI +

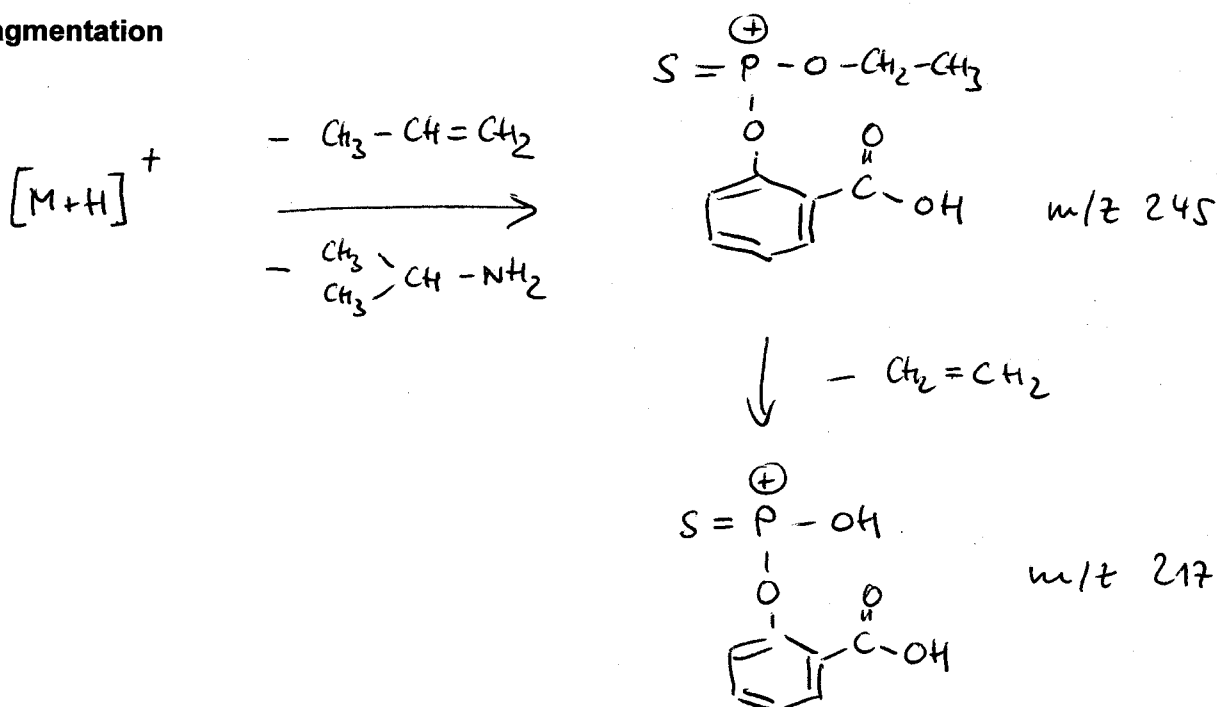
Quasimolecular ion: 346,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	346,1 → 217,0	346,1 → 245,0
Declustering potential (DP) ^{*)}	29 V	29 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	11,5 V	4,5 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	33 V	17 V
Collision cell exit potential (CXP)	6 V	14 V

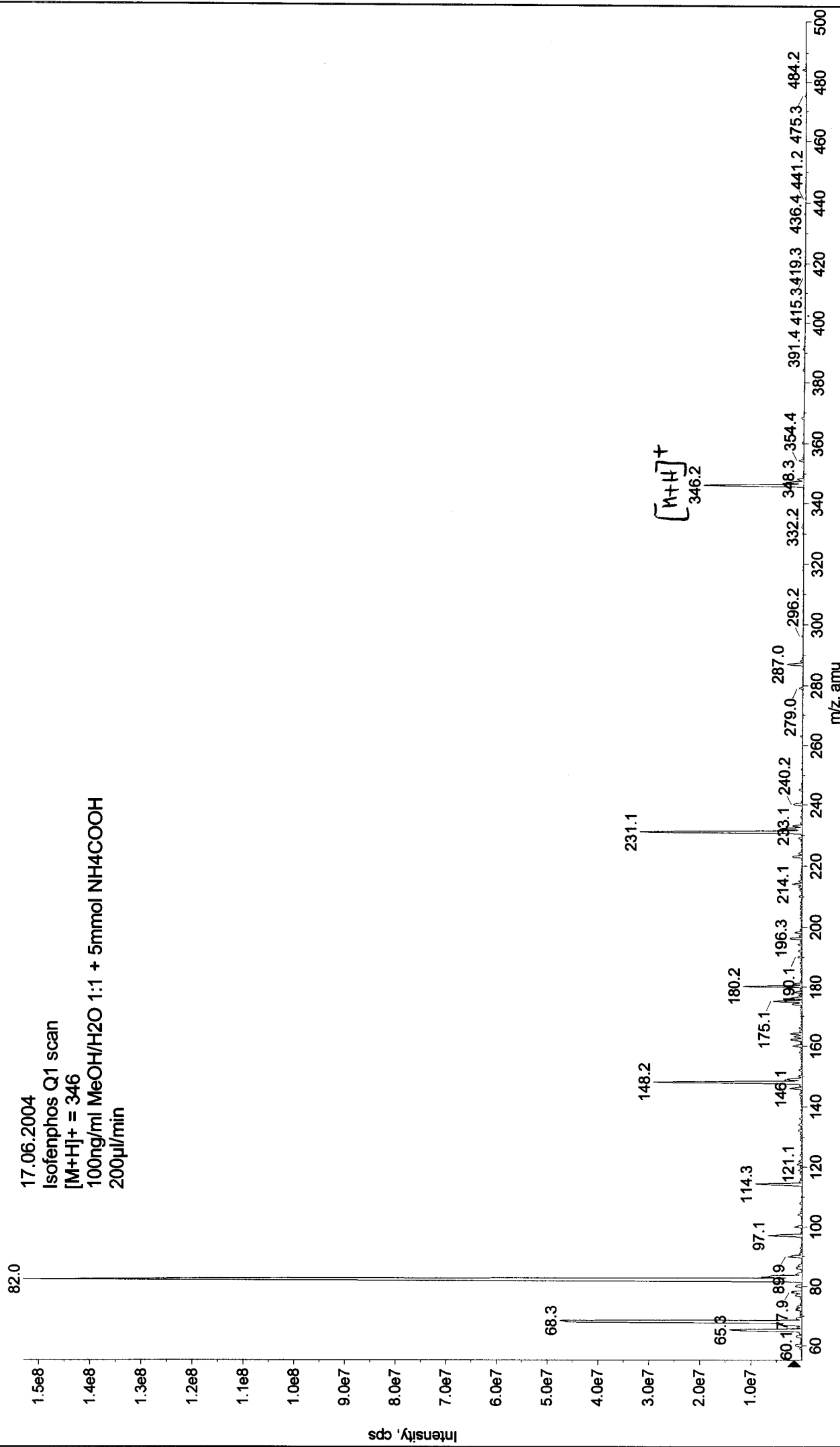
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

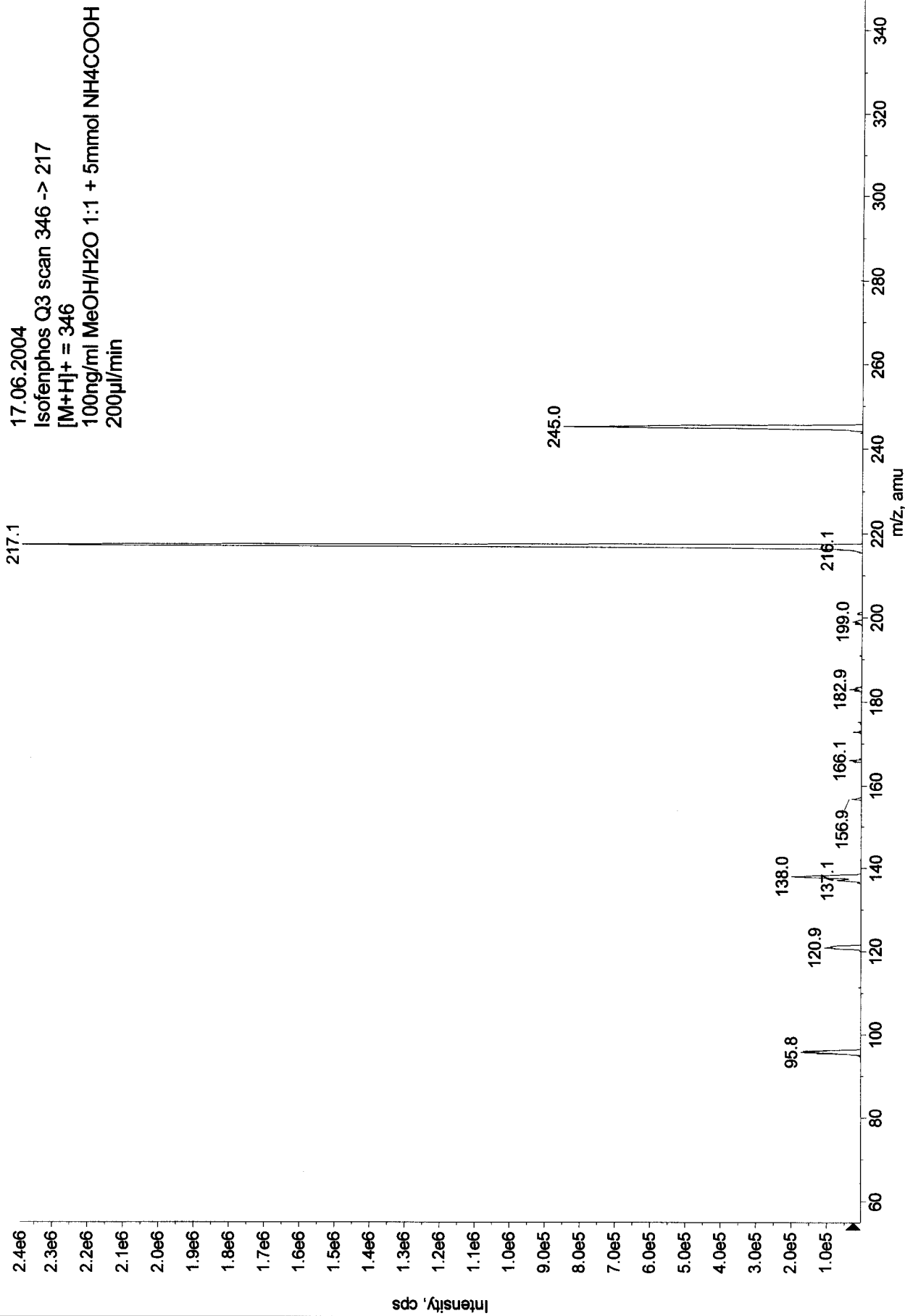


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040617114751.wiff (Turbo Spray)

Max. 1.5e8 cps



■ +MS2 (346.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040617115344.wiff (Turbo Spray) Max. 2.4e6 cps



+MS2 (346.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040617132037.wiff (Turbo Spray) Max. 2.6e6 cps.

